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UNITED STATES OF AMERICA.

DECIMAL

TABLES OF INTEREST,

REDUCED TO THE

Denary Scale of Notation.

Table A. The Interest on any capital, at the rate of six per cent. for 360 days.
From 1 to 365 days.
From every day to the end of the year.
From 1 to 12 months.
From 1 year to 10 years.

Table B. To reduce the Interest found in Table A. to any other rate per cent. per 360 or 365 days.

A METHOD

CONCISE, EASY AND MATHEMATICALLY ACCURATE.

BY JOHN JOSEPH REEKERS.

Stereotype Edition.

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1871

Baltimore:
PRINTED FOR THE AUTHOR BY WILLIAM WOODDY.
1822.

No. 7
1822

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District of Maryland, ss.

Seal

BE IT REMEMBERED, that on the seventh day of May, in the forty-sixth year of the INDEPENDENCE of the United States of America, 1822, John Joseph Reekers, of the said district, hath deposited in this office, the title of a Book the right whereof, he claims as author, in the words following, to wit,

"Decimal Tables of Interest, reduced to the Denary Scale of Notation.

"Table A. the interest on any capital, at the rate of six per cent. per 360 days, from 1 to 365 days.

——— Every day to the end of the year.

——— 1 to 12 months.

——— 1 year to 10 years.

Table B to reduce the interest found in Table A. to any other rate per cent. per 360 or, 365 days.

A method concise, easy, and mathematically accurate—by John Joseph Reekers."

In conformity with an act of the Congress of the United States, entitled, "An Act for the encouragement of learning, by securing the copies of Maps, Charts and Books, to the authors and proprietors of such copies, during the times therein mentioned;" and also to the act, entitled "an act supplementary to the act, entitled an act for the encouragement of learning by securing the copies of Maps, Charts, and Books to the authors and proprietors of such copies, during the times therein mentioned, and extending the benefits thereof to the arts of designing, engraving and etching historical and other prints."

PHILIP MOORE, Clerk
District of Maryland.

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Recd 1. November 1822.

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Table A Shews:

§ 1. The interest at 6 per cent for the Mercantile year of 360 days.
2. Another mode.
3. The interest at the same rate from any day of the year, to the close of the same year
4. The interest for a term of years, months and days.
5. When a note becomes due.
6. The number of days from one date to another date.

Table B Shews:

7. The interest at any integral rate per cent, and also its quarters, from 1 to 9¾.
8. Also the interest reduced from the mercantile to the civil year of 365 days.

INTRODUCTION.

Explanation of Table A.

§ 1. To find interest at 6 per cent computed for the year of 360 days. This table contains a series of numbers, from 1 to 365, corresponding with the days in the year, in the first column; and in the last, the names and dates of the several months, in a reversed order, beginning with the 31st of December and ending with the 1st of January, also a term of years from 1 to 10, divided into months, and subdivided into 10 and 20 days. The intermediate columns are headed with figures, from 1 to 9, and underneath is expressed the interest of each number at 6 per cent in decimals. Those ending with a cypher are perfect decimals, and those over whose last figure a period is placed, are endless decimals, admitting that figure to be repeated as often as any given operation may demand; thus the interest of $1 for 335 days, it is seen, is $0.0558\dot{3}$ or 0.05583333, &c. repeating the 3 *ad infinitum.*

The simple figures, which head the 9 intermediate columns, represent every sum, however great, whilst they equally serve for any decimal of an unit, however small. In this manner 1 may represent 100, 1000, 10.000, &c. so that if it is wanted to ascertain the interest of 1570 for 220 days, by inspection of the Table, the figures $.05\dot{6}$ are found under the unit column, and by adding to this unit three cyphers, it is converted into 1000, and therefore we are authorised, on the principles of Decimal Arithmetic, to remove the decimal point, three figures towards the right hand, or beyond the figure 6; so that it is discovered, that the interest of $1000 is 36; but the $\dot{6}$ having the mark upon it of an endless decimal, add two others, placing the decimal point before them, and we have 36.66 as the interest of 1000. Next, is found the interest of 5 to be $.18\dot{3}$; but by converting it to 500, the decimal point must be moved two figures towards the right hand, and we place it before the $\dot{3}$ and have the interest $18.\dot{3}$ to which as the $\dot{3}$ is also an endless decimal, as is discovered by the period placed above it, we may add as many 3's as may be requisite, or choosing to have the fraction expressed in hundredths, add only one; thus 18.33 is the interest of 500. Again, the interest of 7 is $.25\dot{6}$, therefore by moving the decimal point one figure towards the right, the interest of 70 is found to be 2.56.—Thus,

The interest of	1000	is	36.66
do of	500	is	18.33
do of	70	is	2.56
	$1570		$57.55.

§ 2. THE above manifests the Principles of the Table; but the following mode is more expeditious in practice:

Set down the figures denoting the interest upon each figure of the capital, underneath the same, as they are in the Table; and place the decimal point, where it will correspond with that of the capital; if there are vacant places to the right of that point, fill them with cyphers.—Thus,

Required the interest of $230.73 for 46 days.

.01.533333333
0.230000000
.005366666
.000230000

1.768929999, &c.

or 1.76892$\dot{9}$

or .1.76893 mathematically accurate.

It may be unnecessary here to remark, that in the ordinary transactions of computing interest, it is scarcely requisite, to have recourse to such nicety—$1.77 being sufficiently near in the above case, and thus all the figures to the right of the mills, might have been omitted, but it is certainly proper, to point out to those, who wish for mathematical accuracy, how it may be obtained by these Tables, viz: by retaining the requisite figures of the decimals, until the sum of the last, or right hand figures, is either a cypher or an endless decimal as $\dot{9}$. $\dot{6}$. $\dot{3}$. the value of which are by decimal arithmetic 1, 2-3, 1-3.

§ 3. So much for the use of the first column, when the number of days is given.

By the last column, containing the days and months of the year, is found the interest from any day of the year, to the close of that same year, because opposite each date, in the first column, the number of days for that period is shown.*

Required the interest of $777.75 from 4th July to 31st Dec. included.

Turning to 4th July, I find .21.116
.2.111
.211
.015

$23.453 or 23.45 as required.

§ 4. The simple interest for a term of years, months and days, may be ascertained, readily, by means of this same column on the right hand, which exhibits months divided into parts of 10 and 20 days. At the end of the first twelve months, a year is marked, by a large numeral, and so successively to 10 years.

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* In a leap year, if the period should include February, the day preceding the given date must be taken.

The use of this column is similar to what has been above explained, with this difference, that the decimal point is removed, one place to the right, because the number of days expressed in this column is tenfold the number of those opposite to them in the first column, where they proceed by units only.

EXAMPLE.

Wanted the interest on $175 for 3 years, 7 months, 10 days. Turn to 3 years marked by the large numeral, and then pursue the column to 7 months and 10 days.

Opposite the 10 days designated by (•) I find for	.175.00
	.02.166
	.1.516
	.108
Which is for 130 days	3.790
And for 1300 days, or the period required	$37.90

§ 5. To find when a note becomes due.—Turn to the date of the note in the last column: from the days opposite this, in the 1st column, deduct the days, it has to run,[†] find the remaining days in the 1st column, and opposite this, is the day when it becomes due.

EXAMPLE.

When will a note at 94 days, dated 16 March, fall due?

The number opposite 16th March is	291.
Deduct	94
	197

Recurring with this to the first column, the 18th of June opposite to it, is the day when it becomes due.

§ 6. To find the number of days from one date to another date.

Find the dates in the last column, deduct the days opposite the latter date, from those opposite the former, the remainder is the number of days required.

EXAMPLE.

Required the days from	24th May to	27th October.
	222 days	66 days
	66	
	156 days required.	

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[*] If the number of days opposite the date when the note is drawn, § 5, and opposite the former date § 6, are equal to or less, than the number of days the note has to run, then add 365 days, and deduct as before. And if in leap year the last of February should be included within the period, the day preceding that, found in the Table, is to be taken, §5, and one day more, §6.

Explanation of Table B.

§ 7. Its object is to shew the interest at the rates from 1 to 9¾ per cent. each integer being also subdivided into quarters, to each of which the Table is adapted.

To find the interest at any of the rates indicated in the second column. First, find the interest at the rate of 6 per cent. by means of Table A. as before directed; and then ascertain the variation of it, by setting down the figures under those of the top column, which are found opposite the rate per cent. in the first column.

EXAMPLE.

To find the interest of $750 for 135 days, at the rate 3 ¾ per cent.

By Table A, I find 750
·15.750
.1.125
$16.875 $16.88
.6.25
In Table B, at 3 ¾ I find for this 3·75
.50
.05
$10.55
Which is the interest sought.

§ 8. The first column of this table contains the interest, reduced from the mercantile year of 360 days, to the civil year of 365 days; the large numerals from 1 to 9, in the second column, serve as indices, for this. The operation is similar to that already described, in finding the interest at 6 or any other rate per cent.

It is to be remarked, that in this, the whole of the decimal fractions are recurring series, which is denoted by a period placed over the first and last figure of each decimal, whereas in the preceding, only the last figures are recurring.

EXAMPLE.

To find the interest at the rate of 3 ¾ per cent. per 365 days on $750 for 135 days.

I find by the last operation that the interest for the mercantile year of 360 days is - - - - $10.55

In the first column under the large number 1, of the second column, I find 09.863
Under 5 - - - - - .493
Under do - - - - - .049
$10.405 $10.41
Which is the interest required.

TABLE A.

31
Dec.

DAYS.	1	2	3	4	5	6	7	8	9	*Dec'r* D.M.Y.
1	0.00016̇	0 0003̇	0.00050	0.0006̇	0.00083̇	0.0010	0.00116̇	0.0013	0.00150	31 · ·
2	.0003̇	0006̇	0010	.0013̇	.0016̇	.0020	.0023̇	.0026̇	.0030	30 ··
3	.00050	.0010	.00150	.0020	.00250	.0030	.00350	.0040	.00450	29 1m
4	.0006̇	.0013	.0020	.0026̇	.003̇	.0040	0046̇	.0053̇	.0060	28 ·
5	.00083̇	.0016̇	.00250	.003̇	.00416̇	.0050	.00583̇	.006̇	.00750	27 ··
6	0.0010	0.0020	0.0030	0.0040	0.0050	0.0060	0.0070	0.0080	0·0090	26 2m
7	.00116̇	.0023̇	.00350	.0046̇	.00583̇	.0070	.00816̇	.0093̇	.01050	25 ·
8	.0013̇	.0026̇	.0040	.0053̇	.006̇	.0080	.0093̇	.0106̇	.0120	24 ··
9	.00150	.0030	.00450	.0060	.00750	.0090	.01050	.0120	.01350	23 3m
10	.0016̇	.003̇	0050	.006̇	.0083̇	.010	.0116̇	.013̇	.0150	22 ·
11	0.00183̇	0036̇	0.00550	0.0073̇	0.00916̇	0.0110	0.01283̇	0.0146̇	0.01650	21 ··
12	.0020	.0040	.0060	.0080	.010	.0120	.0140	.0160	.0180	20 4m
13	.00216̇	.0043̇	.00650	.0086̇	.01083̇	.0130	.01516̇	.0173̇	·01950	19 ·
14	.0023̇	.0046̇	.0070	.0093̇	.0116̇	.0140	.0163̇	.0186̇	.0210	18 ··
15	.00250	.0050	.00750	.010	.01250	.0150	.01750	.020	.02250	17 5m
16	0.0026̇	0.0053̇	0.0080	0.0106̇	0.013̇	0.0160	0.0186̇	0.0213̇	0.0240	16 ·
17	.00283̇	.0056̇	.00850	.0113̇	.01416̇	.0170	.01983̇	.0226̇	.02550	15 ··
18	.0030	.0060	.0090	.0120	.0150	.0180	.0210	.0240	.0270	14 6m
19	.00316̇	.0063̇	.00950	.0126̇	.01583̇	.0190	.02216̇	.0253̇	.02850	13 ·
20	.003̇	.006̇	.010	.013̇	.016̇	.020	.023̇	.026̇	.030	12 ··
21	0 00350	0.0070	0.01050	0.0140	0.01750	0.0210	0.02450	0.0280	0.03150	11 7m
22	·0036̇	.0073̇	.0110	.0146̇	.0183̇	.0220	.0256̇	.0293̇	.0330	10 ·
23	.00383̇	.0076̇	.01150	.0153̇	.01916̇	.0230	.02683̇	.0306̇	.03450	9 ··
24	.0040	0080	.0120	.0160	.020	.0240	.0280	.0320	.0360	8 8m
25	.00416̇	.0083̇	.01250	.016̇	.02083̇	.0250	.02916̇	.03̇	.03750	7 ·
26	0.0043̇	0.0086̇	0.0130	0.0173̇	0.0216̇	0 0260	0.0303̇	0.0346̇	0.0390	6 ··
27	.00450	.0090	.01350	.0180	.02250	.0270	.03150	.0360	.04050	5 9m
28	.0046̇	.0093̇	.0140	.0186̇	.023̇	.0280	.0326̇	.0373̇	.0420	4 ·
29	.00483̇	·0096̇	.01450	.0193̇	.02416̇	.0290	.03383̇	.0386̇	.04350	3 ··
30	.0050	.010	.0150	.020	.0250	.030	.0350	.040	0450	2 10m
31	.00516̇	.0103̇	.01550	.0206̇	.02583̇	.0310	.03616̇	.0413̇	.04650	1 ·

Days.	1	2	3	4	5	6	7	8	9	*Nov.* D.M.Y.
32	0.00533̇	0.0106̇	0.0160	0.0213̇	0.026̇	0.0320	0.0373̇	0.0426̇	0.0480	30 ··
33	.00550	.0110	.01650	.0220	.02750	.0330	.03850	.0440	.04950	29 11m
34	.0056̇	.0113̇	.0170	.0226̇	.0283̇	.0340	.0396̇	.0453̇	.0510	28 ·
35	.00583̇	.0116̇	.01750	.023̇	.02916̇	.0350	.04083̇	.046̇	.05250	27 ··
36	.0060	.0120	.0180	.0240	.030	.0360	.0420	.0480	.0540	26 1
37	0.00616̇	0.0123	0.01850	0.0246̇	0.03083̇	0.0370	0.04316̇	0.0493̇	0.05550	25 ·
38	.0063̇	.0126̇	.0190	.0253̇	.0316̇	.0380	.0443̇	.0506̇	.0570	24 ··
39	.00650	.0130	.01950	.0260	.03250	.0390	.04550	.0520	.05850	23 1m
40	.006̇	.013̇	.020	.026̇	.03̇	.040	.046̇	.053̇	.060	22 ·
41	.00683̇	.0136̇	.02050	.0273̇	.03416̇	0410	.04783̇	.0546̇	.06150	21 ··
42	0.0070	0.0140	0.0210	0.0280	0.0350	0.0420	0.0490	0.0560	0.0630	20 2m
43	.00716̇	.0143̇	.02150	.0286̇	.03583̇	.0430	.05016̇	.0573̇	.06450	19 ·
44	.0073̇	.0146̇	.0220	.0293̇	.036̇	.0440	.0513̇	.0586̇	.0660	18 ··
45	.00750	.0150	.02250	.030	.03750	.0450	.05250	.060	.06750	17 3m
46	.0076̇	.0153̇	.0230	.0306̇	.0383̇	.0460	.0536̇	.0613̇	.0690	16 ·
47	0·00783̇	0.0156̇	0.02350	0 0313̇	0.03916̇	0.0470	0.05483̇	0.0626̇	0.07050	15 ··
48	.0080	.0160	.0240	.0320	.040	.0480	.0560	0640	.0720	14 4m
49	.00816̇	.0163̇	.02450	.0326̇	.04083̇	.0490	.05716̇	.0653̇	.07350	13 ·
50	.0083̇	.016̇	.0250	.03̇	.0416̇	.050	.0583̇	.06̇	.0750	12 ··
51	.00850	.0170	.02550	.0340	.04250	.0510	.05950	.0680	.07650	11 5m
52	0.0086̇	0.0173̇	0 0260	0.0346̇	0.043̇	0.0520	0.0606̇	0.0693̇	0 0780	10 ·
53	.00883̇	.0176̇	.02650	.0353̇	.04416̇	.0530	.05183̇	.0706̇	.07950	9 ··
54	.0090	·0180	.0270	.0360	.0450	.0540	.0630	.0720	.0810	8 6m
55	.00916̇	.0183̇	.02750	.036̇	.04583̇	.0550	.06416̇	.073̇	.08250	7 ·
56	.0093̇	.0186̇	.0280	.0373̇	.046̇	.0560	.0653̇	.0746̇	.0840	6 ··
57	0.00950	0.0190	0.02850	0.0380	0.04750	0.0570	0.06650	0.0760	0.08550	5 7m
58	.0096̇	0193̇	.0290	0386̇	.0483̇	.0580	.0676̇	.0773̇	.0870	4 ·
59	.00983̇	.0196̇	.02950	.0393̇	.04916̇	.0590	.06883̇	.0786̇	.08850	3 ··
60	.010	.020	.030	.040	050	.060	070	.080	·090	2 8m
61	.01016̇	.0203̇	.03050	.0406̇	05083̇	.0610	07116̇	.0813̇	.09150	1 ·

61
Nov.

TABLE A.

Days.	1	2	3	4	5	6	7	8	9	Oct'r D.M.Y.
62	0.0103̇	0 0206̇	0.0310	0.0413	0.0516̇	0.0620	0 0723̇	0.0826̇	0.0930	31 ..
63	.01050	.0210	.03150	.0420	.05250	.0630	.07350	.0840	.09450	30 9m
64	.0106̇	.0213̇	.0320	.0426̇	.053̇	.0640	.0746̇	.0853̇	.0960	29 .
65	.01083̇	.0216̇	.03250	.043̇	.05416̇	.0650	.07583̇	.086̇	.09750	28 ..
66	0110	0220	.0330	.0440	.0550	.0660	.0770	.0880	.0990	27 10m
67	0.01116̇	0.0223̇	0.03350	0.0446̇	0.05583̇	0.0670	0.07816̇	0.0893̇	0 10050	26 .
68	.0113̇	.0226̇	.0340	.0453̇	.056̇	.0680	.0793̇	.0906̇	.1020	25 ..
69	.01150	.0230	.03450	.0460	.05750	.0690	.08050	.0920	.10350	24 11m
70	.0116̇	.023̇	.0350	.046̇	.0583̇	.070	.0816̇	.093̇	.1050	23 .
71	.01183̇	.0236̇	03550	.0473̇	.05916̇	.0710	.08283̇	.0946̇	.10650	22 ..
72	0.0120	0 0240	0.0360	0.0480	0.060	0.0720	0.0840	0.0960	0.1080	21 2
73	.01216̇	.0243̇	.03650	.0486̇	.06083̇	.0730	.08516̇	.0973̇	.10950	20 .
74	.0123̇	.0246̇	.0370	.0493̇	.0616̇	.0740	.0863̇	.0986̇	.1110	19 ..
75	.01250	.0250	.03750	.050	.06250	.0750	.08750	.10	.11250	18 1m
76	.0126̇	.0253̇	.0380	.0506̇	.063̇	.0760	.0886̇	.1013̇	.1140	17 .
77	0.01283̇	0.0256̇	0.03850	0.0513̇	0.06416̇	0.0770	0.08983̇	0.1026̇	0.11550	16 ..
78	.0130	.0260	.0390	.0520	.0650	.0780	.0910	.1040	1170	15 2m
79	.01316̇	.0263̇	.03950	.0526̇	.06583̇	.0790	.09216̇	.1053̇	.11850	14 .
80	.013̇	.026̇	.040	.053̇	.06̇	.080	.093̇	.106̇	.120	13 ..
81	.01350	.0270	.04050	.0540	.06750	.0810	.09450	.1080	.12150	12 3m
82	0.0136̇	0.0273̇	0 0410	0.0546̇	0.0683̇	0.0820	0.0956̇	0.1093̇	0.1230	11 .
83	.01383̇	.0276̇	.04150	.0553̇	.06916̇	.0830	.09683̇	.1106̇	.12450	10 ..
84	.0140	.0280	.0420	.0560	.070	.0840	.0980	.1120	.1260	9 4m
85	.01416̇	.0283̇	.04250	.056̇	.07083̇	.0850	.09916̇	.113̇	.12750	8 .
86	.0143̇	.0286̇	.0430	.0573̇	.0716̇	.0860	.1003̇	.1146̇	.1290	7 ..
87	0.01450	0 0290	0.04350	0.0580	0.07250	0.0870	0.10150	0.1160	0 13050	6 5m
88	0146̇	.0293̇	.0440	.0586̇	.073̇	.0880	.1026̇	.1173̇	.1320	5 .
89	.01483̇	0296̇	.04450	.0593̇	.07416̇	.0890	.10383̇	.1186̇	.13350	4 ..
90	.0150	.030	.0450	.060	.0750	.090	.1050	.120	.1350	3 6m
91	.01516̇	.0303̇	.04550	.0606̇	.07583̇	.0910	.10616̇	.1213̇	13650	2 .
92	.0153̇	0306̇	.046	.0613̇	.076̇	.0920	.1073̇	.1226̇	.1380	1 ..

92
Oct.

Days	1	2	3	4	5	6	7	8	9	*Sept.* D.M.Y.
93	0.01550	0 0310	0.04650	0.0620	0.07750	0.0930	0.10850	0.1240	0.13950	30 7m
94	.0156̇	.0313̇	.0470	.0626̇	.0783̇	.0940	.1096̇	.1253̇	.1410	29
95	.01583̇	.0316̇	.04750	.063̇	.07916̇	.0950	.11083̇	.126̇	.14250	28 ..
96	.0160	.0320	.0480	.0640	.080	.0960	.1120	.1280	.1440	27 8m
97	.01616̇	.0323̇	.04850	.0646̇	.08083̇	.0970	.11315̇	.1293̇	.14550	26 .
98	0.0163̇	0.326̇	0.0490	0.0653̇	0.0816̇	0.0980	0.1143̇	0.1306̇	0 1470	25 ..
99	.01650	.0330	.04950	.0660	.08250	.0990	.11550	.1320	.14850	24 9m
100	.016̇	.03̇	.050	.06̇	.083̇	.10	.116̇	.13̇	.150	23 .
101	.01683̇	.0336̇	.05050	.0673̇	.08416̇	.1010	.11783̇	.1346̇	.15150	22 ..
102	.0170	.0340	.0510	.0680	.0850	.1020	.1190	.1360	.1530	21 10m
103	0.01716̇	0.0343̇	0.05150	0.0686̇	0.08583̇	0.1030	0.12016̇	0.1373̇	0.15450	20 .
104	.0173̇	.0346̇	.0520	.0693̇	.086̇	.1040	.1213̇	.1386̇	.1560	19 ..
105	.01750	.0350	.05250	.070	.08750	.1050	.12250	.140	.15750	18 11m
106	.0176̇	.0353̇	.0530	.0706̇	.0883̇	.1060	.1236̇	.1413̇	.1590	17 .
107	.01783̇	.0356̇	.05350	.0713̇	.08916̇	.1070	.12483̇	.1426̇	.16050	16 ..
108	0.0180	0.0360	0.0540	0.0720	0.090	0.1080	0.1260	0.1440	0.1620	15 3
109	.01816̇	.0363̇	.05450	.0726̇	.09083̇	.1090	.12716̇	.1453̇	.16350	14 .
110	.0183̇	.036̇	.0550	.073̇	.0916̇	.110	.1283̇	.146̇	.1650	13 ..
111	.01850	.0370	.05550	.0740	.09250	.1110	.12950	.1480	.16650	12 1m
112	.0186̇	.0373̇	.0560	.0746̇	.093̇	.1120	.1306̇	.1493̇	.1680	11 .
113	0.01883̇	0.0376̇	0.05650	0.0753̇	0.09416̇	0.1130	0.13183̇	0.1506̇	0.16950	10 ..
114	.0190	.0380	.0570	.0760	.0950	.1140	.1330	.1520	.1710	9 2m
115	.01916̇	.0383̇	.05750	.076̇	.09583̇	.1150	.13416̇	.153̇	.17250	8 .
116	.0193̇	.0386̇	.0580	.0773̇	.096̇	.1160	.1353̇	.1546̇	.1740	7 ..
117	.01950	.0390	.05850	.0780	.09750	1170	.13650	.1560	.17550	6 3m
118	0.0196̇	0.0393̇	0.0590	0.0786̇	0 0983̇	0.1180	0.1376̇	0.1573̇	0.1770	5 .
119	.01983̇	.0396̇	.05950	.0793̇	.09916̇	.1190	.13883̇	.1586̇	.17850	4 ..
120	.020	.040	.060	.080	.10	.120	.140	.160	.180	3 4m
121	.02016̇	.0403̇	.06050	.0806̇	.10083̇	.1210	.14116̇	.1613̇	.18150	2 .
122	.0203̇	.0406̇	.0610	.0813̇	.1016̇	.1220	1423̇	.1626̇	.1830	1 ..

122
Sept

Days	1	2	3	4	5	6	7	8	9	Aug't D.M Y.
123	0.02050	0.0410	0.06150	0.0820	0.10250	0.1230	0.14350	0.1640	0.18450	31 5m
124	.0206̇	.0413̇	.0620	.0826̇	.103̇	.1240	.1446̇	.1653̇	.1860	30 •
125	.02083̇	.0416̇	.06250	.083̇	.10416̇	.1250	.14583̇	.16̇	.18750	29 ••
126	.0210	.0420	.0630	.0840	.1050	.1260	.1470	.1680	.1890	28 6m
12	.02116̇	0423̇	.06350	.0846̇	.10583̇	.1270	.14816̇	.1693̇	.19050	27 •
128	0.0213̇	0.0426̇	0.0640	0.0853̇	0.106̇	0.1280	0.1493̇	0.1706̇	0.1920	26 ••
129	.02150	.0430	.06450	.0860	.10750	.1290	.15050	.1720	.19350	25 7m
130	.0216̇	.043̇	.0650	.086̇	.1083̇	.130	.1516̇	.173̇	.1950	24 •
131	.02183̇	.0436̇	.06550	.0873̇	.10916̇	.1310	.15283̇	.1746̇	.19650	23 ••
132	.0220	.0440	.0660	.0880	.110	.1320	.1540	.1760	.1980	22 8m
133	0.02216̇	0.0443̇	0.06650	0.0886̇	0.11083̇	0.1330	0.15516̇	0.1773̇	0.19950	21 •
134	.0223̇	.0446̇	.0670	.0893̇	.1116̇	.1340	.1563̇	.1786̇	2010	20 ••
135	.02250	.0450	.06750	.090	.11250	.1350	.15750	.180	.20250	19 9m
136	.0226̇	.0453̇	.0680	.0906̇	.113̇	.1360	.1586̇	.1813̇	.2040	18 •
137	.02283̇	.0456̇	.06850	.0913̇	.11416̇	.1370	.15983̇	.1826̇	.20550	17 ••
1	0.0230	0.0460	0.0690	0.0920	0.1150	0.1380	0.1610	0.1840	0.2070	16 10m
139	.02316̇	.0463̇	.06950	.0926̇	.11583̇	.1390	.16216̇	.1853̇	.20850	15 •
140	.023̇	.046̇	.070	.093̇	.116̇	.140	.163̇	.186̇	.210	14 ••
141	.02350	.0470	.07050	.0940	.11750	.1410	.16450	.1880	.21150	13 11m
142	.0236̇	.0473̇	.0710	.0946̇	.1183̇	.1420	.1656̇	.1893̇	.2130	12 •
143	0.02383̇	0.0476̇	0.07150	0.0953̇	0.11916̇	0.1430	0.16683̇	0.1906̇	0.21450	11 ••
144	.0240	.0480	.0720	.0960	.120	.1440	.1680	.1920	.2160	10 4
145	.02416̇	.0483̇	.07250	.096̇	.12083̇	.1450	.16916̇	.193̇	.21750	9 •
146	.0243̇	0486̇	.0730	.0973̇	.1216̇	.1460	1703̇	.1946̇	.2190	8 ••
147	.02450	.0490	.07350	.0980	.12250	.1470	.17150	.1960	.22050	7 1m
148	0.0246̇	0.0493̇	0.0740	0.0986̇	0.123̇	0.1480	0.1726̇	0.1973̇	0.2220	6 •
149	.02483̇	.0496̇	.07450	.0993̇	.12416̇	.1490	.17383̇	.1986̇	22350	5 ••
150	.0250	.050	.0750	.10	.1250	.150	.1750	.20	.2250	4 2m
151	.02516̇	.0503̇	.07550	.1006̇	.12583̇	.1510	.17616̇	.2013̇	.22650	3 •
152	.0253̇	.0506̇	.0760	.1013̇	.126̇	.1520	.1773̇	.2026̇	.2280	2 ••
153	.02550	0510	.07650	.1020	.12750	.1530	.17850	.2040	.22950	1 3m

153
Aug.

TABLE A.

Days	1	2	3	4	5	6	7	8	9	July. D.M.Y.
154	0.0256̇	0.0513̇	0.0770	0.1026̇	0.1283̇	0.1540	0.1796̇	0.2053̇	0.2310	31 ·
155	.02583̇	.0516̇	.07750	.103̇	.12916̇	.1550	.18083̇	.206̇	.23250	30 ··
156	.0260	.0520	.0780	.1040	130	.1560	.1820	.2080	.2340	29 4m
157	.02616̇	0523̇	.07850	.1046̇	.13083̇	.1570	.18316̇	.2093̇	.23550	28 ·
158	.0263̇	.0526̇	.0790	.1053̇	.1316̇	.1580	.1843̇	.2106̇	.2370	27 ··
159	0.02650	0.0530	0.07950	0 1060	0.13250	0.1590	0.18550	0.2120	0.23850	26 5m
160	.026̇	.053̇	.080	.106̇	.13̇	.160	.186̇	.213̇	.240	25 ·
161	.02583̇	.0536̇	.08050	.1073̇	.13416̇	.1610	.18783̇	2146̇	.24150	24 ··
162	.0270	.0540	.0810	.1080	1350	.1620	.1890	.2160	.2430	23 6m
163	.02716̇	.0543̇	.08150	.1086̇	.13583̇	.1630	.19016̇	.2173̇	.24450	22 ·
164	0 0273̇	0.0546̇	0.0820	0.1093̇	0.136̇	0.1640	0.1913̇	.2186̇	0.2460	21 ··
165	.02750	.0550	.08250	.110	.13750	.1650	.19250	.220	.24750	20 7m
166	.0276̇	.0553̇	.0830	.1106̇	.1383̇	.1660	.1936̇	.2213̇	.2490	19 ·
167	.02783̇	.0556̇	.08350	.1113̇	.13916̇	.1670	.19483̇	.2226̇	.25050	18 ··
168	0280	.0560	.0840	.1120	.140	.1680	1960	.2240	.2520	17 8m
169	0.02816̇	0.0563̇	0.0845	0.1126̇	0.14083̇	0.1690	0.19716̇	0.2253̇	0.25350	16 ·
170	.0283̇	.056̇	.0850	.113̇	.1416̇	.170	.1983̇	.226̇	.2550	15 ··
171	.02850	.0570	.08550	.1140	.14250	.1710	.19950	.2280	.25650	14 9m
172	.0286̇	.0573̇	.0860	.1146̇	.143̇	.1720	.2006̇	.2293̇	.2580	13 ·
173	.02883̇	.0576̇	.08650	.1153̇	.14416̇	.1730	.20183̇	.2306̇	.25950	12 ··
174	0.0290	0.0580	0.0870	0.1160	0.1450	0.1740	0.2030	0.2320	0.2610	11 10m
175	·02916̇	.0583̇	.08750	.116̇	.14583̇	.1750	.20416̇	.23̇	.26250	10 ·
176	.0293̇	.0586̇	.0880	.1173̇	.146̇	.1760	.2053̇	.2346̇	.2540	9 ··
177	.02950	.0590	.08850	.1180	14750	.1770	.20650	.2360	.26550	8 11m
178	.0296̇	.0593̇	.0890	.1186̇	1483̇	.1780	.2076̇	.2373̇	.2670	7 ·
179	0.02983̇	0.0596̇	0.08950	0.1193̇	0.14916̇	0.1790	0.20883̇	0.2386̇	0.26850	6 ··
180	030	.060	090	.120	.150	.180	.210	.240	.270	5 5
181	.03016̇	·0603̇	.09050	.1206̇	.15083̇	.1810	.21116̇	.2413̇	.27150	4 ·
182	.0303̇	.0606̇	0910	.1213̇	.1516̇	.1820	.2123̇	.2426̇	.2730	3 ··
183	.03050	.0610	.09150	.1220	.15250	.1830	.21350	.2440	.27450	2 1m
184	.0306̇	-0613̇	.0920	.1226̇	.153̇	.1840	.2146	.2453̇	.2760	1 ·

184
July

Days	1	2	3	4	5	6	7	8	9	June. D.M.V.
185	0.03083̇	0.0616̇	0.09250	0.123̇	0.15416̇	0.1850	0.21583̇	0.246̇	0.27750	30 ··
186	.0310	.0620	.0930	.1240	.1550	.1860	.2170	.2480	·2790	29 2m
187	.03116̇	.0623̇	.09350	.1246̇	.15583̇	.1870	.21816̇	.2493̇	.28050	28 ·
188	.0313̇	.0626̇	.0940	.1253̇	.156̇	.1880	.2193̇	.2506̇	.2820	27 ··
189	.03150	.0630	.09450	.1260	.15750	.1890	.22050	.2520	.28350	26 3m
190	0.0316̇	0.063̇	0.0950	0.126̇	0.1583̇	0.190	0.2216̇	0.253̇	0.2850	25 ·
191	.03183̇	.0636̇	.09550	.1273̇	.15916̇	.1910	.22283̇	.2546̇	.28650	24 ··
192	.0320	.0640	.0960	.1280	.160	.1920	.2240	.2560	.2880	23 4m
193	.03216̇	.0643̇	.09650	1286̇	.16083̇	.1930	.22516̇	.2573̇	.28950	22 ·
194	.0323̇	.0646̇	.0970	.1293̇	.1616̇	.1940	.2263̇	.2586̇	.2910	21 ··
195	0.03250	0.0650	0.09750	0.130	0.16250	.1950	0.22750	0.260	0.29250	20 5m
196	.0326̇	.0653̇	.0980	.1306̇	.163̇	.1960	.2286̇	.2613̇	.2940	19 ·
197	.03283̇	.0656̇	.09850	.1313̇	.16416̇	.1970	.22983̇	.2626̇	·29550	18 ··
198	.0330	.0660	.0990	.1320	.1650	.1980	.2310	.2640	.2970	17 6m
199	.03316̇	.0663̇	.09950	.1326̇	.16583̇	.1990	.23216̇	.2653̇	.29850	16 ·
200	0.03̇	0.06̇	0.10	0.13̇	0.16̇	0.20	0.23̇	0.26̇	0.30	15 ··
201	.03350	.0670	.10050	.1340	.16750	.2010	.23450	.2680	.30150	14 7m
202	.0336̇	.0673̇	.1010	.1346̇	.1683̇	.2020	.2356̇	.2693̇	.3030	13 ·
203	.03383̇	.0676̇	.10150	.1353̇	.16916̇	.2030	.23683̇	.2706̇	.30450	12 ··
204	.0340	.0680	.1020	.1360	.170	.2040	.2380	.2720	.3060	11 8m
205	0.03416̇	0.0683̇	0.10250	0.136̇	0.17083̇	0.2050	0.23916̇	0.273̇	0.30750	10 ·
206	·0343̇	.0686̇	.1030	.1373̇	.1716̇	.2060	.2403̇	.2746̇	.3090	9 ··
207	.03450	.0690	.10350	.1380	.17250	.2070	.24150	.2760	.31050	8 9m
208	.0346̇	0693̇	.1040	.1386̇	.173̇	.2080	.2426̇	.2773̇	.3120	7 ·
209	.03483̇	.0696̇	.10450	1393̇	.17416̇	.2090	.24383̇	.2786̇	.31350	6 ··
210	0.0350	0.070	0.1050	0.140	0.1750	0.210	0.2450	0.280	0.3150	5 10m
211	.03516̇	.0703̇	.10550	.1406̇	.17583̇	.2110	.24616̇	.2813̇	.31650	4 ·
212	.0353̇	.0706̇	.1060	.1413̇	.176̇	.2120	2473̇	.2826̇	.3180	3 ··
213	.03550	·0710	.10650	.1420	.17750	.2130	.24850	.2840	.31950	2 11m
214	.0356̇	.0713̇	.1070	.1426̇	.1783̇	.2140	2496̇	.2853̇	.3210	1 ·

214
June

TABLE A.

Days.	1	2	3	4	5	6	7	8	9	*May.* D.M.Y.
215	$0.0358\dot{3}$	$0.071\dot{6}$	0.10750	$0.14\dot{3}$	$0.1791\dot{6}$	0 2150	$0.2508\dot{3}$	$0.28\dot{6}$	0.32250	31 ••
216	.0360	.0720	.1080	.1440	180	.2160	.2520	.2880	.3240	30 6
217	$.0361\dot{6}$	$.072\dot{3}$	.10850	$.144\dot{6}$	$.1808\dot{3}$	.2170	$.2531\dot{6}$	$.289\dot{3}$	.32550	29 •
218	$.036\dot{3}$	$.072\dot{6}$	.1090	$.145\dot{3}$	$.181\dot{6}$	.2180	$.254\dot{3}$	$.290\dot{6}$	.3270	28 ••
219	.03650	.0730	.10950	.1460	.18250	.2190	.25550	.2920	.32850	27 1m
220	$.03\dot{6}$	$.07\dot{3}$	.110	$.14\dot{6}$	$.18\dot{3}$	.220	$25\dot{6}$	$.29\dot{3}$	.330	26 •
221	$0.0368\dot{3}$	$0.073\dot{6}$	0.11050	$0.147\dot{3}$	$0.1841\dot{6}$	0.2210	$0.2578\dot{3}$	$0.294\dot{6}$	0.33150	25 ••
222	.0370	.0740	.1110	.1480	.1850	.2220	.2590	.2960	.3330	24 2m
223	$.0371\dot{6}$	$.074\dot{3}$	.11150	$.148\dot{6}$	$.1858\dot{3}$	.2230	$.2601\dot{6}$	$.297\dot{3}$	.33450	23 •
224	$.037\dot{3}$	$.074\dot{6}$	.1120	$.149\dot{3}$	$.18\dot{6}$	.2240	$.261\dot{3}$	$.298\dot{6}$	.3360	22 ••
225	.03750	.0750	.11250	.150	.18750	.2250	.26250	.30	.33750	21 3m
226	$0.037\dot{6}$	$0.075\dot{3}$	0.1130	$0.150\dot{6}$	$0.188\dot{3}$	0.2260	$0.263\dot{6}$	$0.301\dot{3}$	0.3390	20 •
227	$.0378\dot{3}$	$.075\dot{6}$	.11350	$.151\dot{3}$	$.1891\dot{6}$	.2270	$.2648\dot{3}$	$.302\dot{6}$	.34050	19 ••
228	.0380	.0760	1140	.1520	.190	.2280	.2660	.3040	.3420	18 4m
229	$.0381\dot{6}$	$.076\dot{3}$	.11450	$.152\dot{6}$	$.1908\dot{3}$	.2290	$.2671\dot{6}$	$.305\dot{3}$	.34350	17 •
230	$.038\dot{3}$	$.07\dot{6}$	.1150	$.15\dot{3}$	$.191\dot{6}$	.230	$.268\dot{3}$	$.30\dot{6}$	.3450	16 ••
231	0.03850	0.0770	0.11550	0.1540	0.19250	0.2310	0 26950	0.3080	0.34650	15 5m
232	$.038\dot{6}$	$.077\dot{3}$	.1160	$.154\dot{6}$	$.19\dot{3}$	.2320	$.270\dot{6}$	$309\dot{3}$	.3480	14 •
233	$.0388\dot{3}$	$.077\dot{6}$	.11650	$.155\dot{3}$	$.1941\dot{6}$	.2330	$2718\dot{3}$	$.310\dot{6}$	.34950	13 ••
234	.0390	.0780	.1170	.1560	.1950	.2340	.2730	.3120	.3510	12 6m
235	$.0391\dot{6}$	$.078\dot{3}$	.11750	$.15\dot{6}$	$.1958\dot{3}$	.2350	$.2741\dot{6}$	$.31\dot{3}$	.35250	11 •
236	$0.039\dot{3}$	$0.078\dot{6}$	0.1180	$0.157\dot{3}$	$0.19\dot{6}$	0.2360	$0.275\dot{3}$	$0.314\dot{6}$	0.3540	10 ••
237	.03950	.0790	.11850	.1580	.19750	.2370	.27650	.3160	.35550	9 7m
238	$.039\dot{6}$	$.079\dot{3}$	.1190	$.158\dot{6}$	$.198\dot{3}$	.2380	$.277\dot{6}$	$.317\dot{3}$	.3570	8 •
239	$.0398\dot{3}$	$.079\dot{6}$	.11950	$.159\dot{3}$	$.1991\dot{6}$	.2390	$.2788\dot{3}$	$.318\dot{6}$	.35850	7 ••
240	.040	080	.120	.160	.20	.240	.280	.320	.360	6 8m
241	$0.0401\dot{6}$	$0.080\dot{3}$	0.12050	$0.160\dot{6}$	$0.2008\dot{3}$	0.2410	$0.2811\dot{6}$	$0.321\dot{3}$	0.36150	5 •
242	$.040\dot{3}$	$.080\dot{6}$	.1210	$.161\dot{3}$	$.201\dot{6}$	.2420	$282\dot{3}$	$.322\dot{6}$	.3630	4 ••
243	.04050	.0810	.12150	.1620	20250	.2430	28350	.3240	.36450	3 9m
244	$.040\dot{6}$	$.081\dot{3}$	.1220	$.162\dot{6}$	$.20\dot{3}$	.2440	$.284\dot{6}$	$325\dot{3}$	.3660	2 •
245	$.0408\dot{3}$	$.081\dot{6}$	.12250	$.16\dot{3}$	$.2041\dot{6}$	.2450	$.2858\dot{3}$	$.32\dot{6}$	36750	1 ••

245
May

Days	1	2	3	4	5	6	7	8	9	*April.* D.M.Y.
246	0.0410	0·0820	0 1230	0.1640	0.2050	0.2460	0.2870	0.3280	0·3690	30 10m
247	.04116̇	.0823̇	.12350	.1646̇	.20583	.2470	.28816̇	.3293̇	.37050	29 •
248	.0413̇	.0826̇	.1240	.1653	206̇	.2480	.2893̇	.3306̇	.3720	28 ··
249	.04150	.0830	.12450	.1660	.20750	.2490	.2905	.3320	.37350	27 11m
250	.0416̇	.083̇	1250	.16̇	.2083̇	.250	.2916̇	.3̇	.3750	26 •
251	0.04183̇	0 0836̇	0.1255	0.1673̇	0.20916̇	0.2510	0.29283̇	0.3346̇	0.37650	25 ··
252	.0420	·0840	.1260	.1680	.210	.2520	.2940	.3360	.3780	24 7
253	.04216̇	.0843̇	.12650	.1686̇	.21083̇	.2530	.29516̇	.3373̇	.37950	23 •
254	.0423̇	.0846̇	.1270	.1693̇	.2116̇	.2540	.2963̇	.3386̇	.3810	22 ··
255	.04250	.0850	.12750	.170	.21250	2550	.29750	.340	.38250	21 1m
256	0.0426̇	0.0853̇	0 1280	0.1706̇	0 213̇	.2560	0.2986̇	0·3413̇	0.3840	20 •
257	.04283̇	.0856̇	.12850	.1713̇	.21416̇	.2570	.29983	.3426̇	.38550	19 ··
258	.0430	.0860	.1290	1720	2150	.2580	.3010	.3440	.3870	18 2m
259	.04316̇	.0863̇	.12950	.1726̇	21583̇	.2590	.30216̇	.3453̇	.38850	17 •
260	·043̇	.086̇	.130	.173̇	216̇	.260	.303̇	.346̇	.390	16 ··
261	0.04350	0.0870	0.13050	0 1740	0 21750	0.2610	0.30450	0.3480	0.39150	15 3m
262	.0436̇	.0873̇	.1310	.1746̇	.2183̇	.2620	.3056̇	.3493̇	.3930	14 •
263	.04383̇	.0876̇	.13150	.1753̇	.21916̇	.2630	.30683̇	.3506̇	39450	13 ··
264	.0440	.0880	.1320	.1760	.220	.2640	.3080	.3520	3960	12 4m
265	04416̇	.0833̇	13250	.176̇	22083̇	2650	.30916̇	.353̇	39750	11 •
266	.0443̇	0 0886̇	0.1330	0.1773̇	0.2216̇	0.2660	0.3103̇	0.3546̇	0.3990	10 ··
267	.04450	·0890	.13350	.1780	.22250	2670	.31150	.3560	40050	9 5m
268	.0446̇	.0893̇	.1340	.1786̇	.223̇	2680	.3126̇	3573̇	.4020	8 •
269	04483̇	.0896̇	.13450	.1793̇	.22416̇	2690	.31383̇	.3586̇	.40350	7 ··
270	.0450	.090	1350	.180	.2250	270	.3150	360	.4050	6 6m
271	0.04516̇	0.0903̇	0.13550	0.1806̇	0.22583̇	0.2710	0.31616̇	0.3613̇	0.40650	5 •
272	0453̇	0906̇	.1360	1813̇	226̇	2720	.3173̇	.3626̇	.4080	4 ··
273	.04550	.0910	13650	.1820	.22750	.2730	.31850	.3640	.40950	3 7m
274	.0456̇	.0913̇	.1370	1826̇	.2283̇	.2740	3196̇	.3653̇	.4110	2 •
275	.04583̇	.0916̇	.13750	.183̇	22916̇	.2750	.32083̇	.36̇	.41250	1 ··

375
April.

Days.	1	2	3	4	5	6	7	8	9	March D.M V.
276	0.0460	0.0920	0.1380	0.1840	0 230	0.2760	0.3220	0.3680	0.4140	31 8m
277	.04616̇	.0923̇	.13850	.1846̇	.23083̇	.2770	.32316̇	.3693̇	.41550	30 •
278	.0463̇	.0926̇	.1390	.1853̇	2316̇	.2780	.3243̇	.3706̇	.4170	29 ••
279	.04650	.0930	.13950	.1860	.23250	.2790	.32550	.3720	.41850	28 9m
280	.046̇	.093̇	140	.186̇	.23̇	.280	.326̇	.373̇	.420	27 •
281	0.04683̇	0.0936̇	0.14050	0.1873̇	0.23416̇	0.2810	0.32783̇	0.3746̇	0.42150	26 ••
282	.0470	·0940	.1410	.1880	.2350	.2820	.3290	.3760	.4230	25 10m
283	.04716̇	.0943̇	.14150	.1886̇	.23583̇	.2830	.33016̇	.3773̇	.42450	24 •
284	.0473̇	.0946̇	.1420	.1893̇	.236̇	.2840	.3313̇	.3786̇	.4260	23 ••
285	.04750	.0950	.14250	.190	.23750	2850	.33250	.380	.42750	22 11m
286	0.0476̇	0.0953̇	0.1430	0.1906̇	0 2383̇	0.2860	0.3336̇	0·3813̇	0.4290	21 •
287	.04783̇	.0956̇	.14350	.1913̇	.23916̇	.2870	.33483̇	.3826̇	.43050	20 ••
288	.0480	.0960	.1440	.1920	.240	.2880	.3360	.3840	.4320	19 8
289	.04816̇	.0963̇	.14450	.1926̇	.24083̇	.2890	.33716̇	.3853̇	.43350	18 •
290	·0483̇	.096̇	.1450	.193̇	.2416̇	.290	.3383̇	.386̇	.4350	17 ••
291	0.04850	0.0970	0.14550	0.1940	0 24250	0.2910	0.33950	0.3880	0.43650	16 1m
292	.0486̇	.0973̇	.1460	.1946̇	.243̇	.2920	.3406̇	.3893̇	.4380	15 •
293	.04883̇	.0976̇	.14650	.1953̇	.24416̇	.2930	.34183̇	.3906̇	.43950	14 ••
294	.0490	.0980	.1470	.1960	.2450	.2940	.3430	.3920	.4410	13 2m
295	.04916̇	.0983̇	.14750	.196̇	.24583̇	.2950	.34416̇	.393̇	.44250	12 •
296	0.0493̇	0.0986̇	0.1480	0.1973̇	0.246̇	0.2960	0.3453̇	0.3946̇	0.4440	11 ••
297	.04950	·0990	.14850	1980	.24750	.2970	.34650	.3960	.44550	10 3m
298	.0496̇	.0993̇	.1490	.1986̇	.2483̇	.2980	.3476̇	.3973̇	.4470	9 •
299	.04983̇	.0996̇	14950	.1993̇	.24916̇	2990	.34883̇	.3986̇	.44850	8 ••
300	.050	.10	.150	.20	.250	.30	.350	.40	.450	7 4m
301	0.05016̇	0.1003̇	0 1505	0.2006̇	.25 83̇	0.3010	0 35116̇	0.4013̇	0.45150	6 •
302	0503̇	.1006̇	.1510	·2013̇	.2516̇	3020	3523̇	.4026̇	.4530	5 ••
303	.05050	1010	15150	.2020	.25250	.3 30	.35350	.4040	.45450	4 5m
304	.0506̇	.1013̇	.1520	2 26̇	·253̇	.3040	.3546̇	.4053̇	.4560	3 •
305	.05083̇	.1016̇	.15250	.203̇	25416̇	.3050	.35583̇	.406̇	.45750	2 ••
306	.0510	.1020	.1530	2040	.2550	.3 60	.3570	.4080	.4590	1 6m

306
March

Days.	1	2	3	4	5	6	7	8	9	Feb. D.M.Y.
307	0.05116̇	0.1023̇	0.15350	0.2046̇	0.25583̇	0.3070	0.35816̇	0.4093̇	0.46050	28 ·
308	.0513̇	.1026̇	.1540	.2053̇	.256̇	.3080	.3593̇	.4106̇	.4620	27 ··
309	.05150	.1030	.15450	.2060	.25750	.3090	.36050	.4120	.46350	26 7m
310	.0516̇	.103̇	.1550	.206̇	2583̇	.310	.3616̇	.413̇	.4650	25 ·
311	.05183̇	1036̇	.15550	.2073̇	.25916̇	.3110	.36283̇	.4146̇	.46650	24 ··
312	0.0520	0.1040	0.1560	0.2080	0.260	0.3120	0.3640	0.4160	0.4680	23 8m
313	.05216̇	.1043̇	.15650	.2086̇	.26083̇	.3130	36516̇	.4173̇	.46950	22 ·
314	.0523̇	.1046̇	.1570	.2093̇	.2616̇	.3140	3663̇	.4186̇	.4710	21 ··
315	.05250	.1050	.15750	.210	.26250	.3150	.36750	.420	.47250	20 9m
316	.0526̇	.1053̇	.1580	.2106̇	.263̇	3160	.3686̇	.4213̇	.4740	19 ·
317	0.05283̇	0.1056̇	0.15850	0.2113̇	0.26416̇	0.3170	0.36983̇	0.4226̇	0.47550	18 ··
318	.0530	.1060	1590	.2120	2650	.3180	.3710	.4240	.4770	17 10m
319	.05316̇	1063̇	.15950	.2126̇	26583̇	.3190	.37216̇	.4253̇	.47850	16 ·
320	.053̇	.106̇	.160	.213̇	26̇	.320	.373̇	.426̇	.480	15 ··
321	.05350	.1070	.16050	.2140	26750	3210	.37450	4280	.48150	14 11m
322	0.0536̇	0.1073̇	0.1610	0.2146̇	0.2683̇	0.3220	0.3756̇	0.4293̇	0.4830	13 ·
323	.05383̇	1076̇	.16150	.2153̇	26916̇	.3230	37683̇	4306̇	.48450	12 ··
324	.0540	.1080	.1620	.2160	270	.3240	3780	.4320	.4860	11 9
325	.05416̇	.1083̇	.16250	.216̇	.27083̇	.3250	.37916̇	.43̇	.48750	10 ·
326	.0543̇	.1086̇	1630	.2173̇	.2716̇	.3260	.3803̇	4346̇	.4890	9 ··
327	0.05450	0.1090	0.16350	0.2180	0.27250	0.3270	0.38150	0.4360	0.49050	8 1m
328	.0546	.1093̇	.1640	2186̇	.273̇	.3280	.3826̇	.4373̇	.4920	7 ·
329	.05483̇	.1096̇	.16450	.2193̇	.27416̇	.3290	.38383̇	4386̇	.49350	6 ··
330	.0550	.110	.1650	.220	.2750	330	.3850	.440	.4950	5 2m
331	.05516̇	1103̇	16550	.2206̇	.27583̇	3310	.38616̇	.4413̇	.49650	4 ·
332	0.0553̇	0.1106̇	0.1660	0.2213̇	0.276̇	0.3320	0.3873̇	0.4426̇	0.4980	3 ··
333	.05550	1110	.16650	.2220	.27750	.3330	38850	.4440	.49950	2 3m
334	0556	.1113̇	.1670	.2226̇	.2783̇	.3340	.3896̇	.4453̇	.5010	1 ·

334
Feb.

DAYS.	1	2	3	4	5	6	7	8	9	Jan. D.M.Y.
335	0.05583̇	0.1116̇	0.16750	0.223̇	0.27916̇	0.3350	0.39083̇	0.446̇	0.50250	31 ••
336	.0560	.1120	.1680	.2240	280	.3360	.3920	.4480	.5040	30 4m
337	.05616̇	.1123̇	.16850	.2246̇	.28083̇	.3370	.39316̇	.4493̇	.50550	29 •
338	.0563̇	.1126̇	.1690	.2253̇	2816̇	.3380	.3943̇	.4506̇	.5070	28 ••
339	.05650	.1130	.16950	.2260	.28250	.3390	.39550	.4520	.50850	27 5m
340	0.056̇	0.113̇	0.170	0.226̇	0.283̇	0.340	0.396̇	0.453̇	0.510	26 •
341	.05683̇	.1136	.17050	.2273̇	.28416̇	.3410	.39783̇	.4546̇	.51150	25 ••
342	.0570	.1140	.1710	.2280	.2850	.3420	.3990	.4560	.5130	24 6m
343	.05716̇	.1143̇	.17150	.2286̇	.28583̇	.3430	.40016̇	.4573̇	.51450	23 •
344	.0573̇	.1146̇	.1720	.2293̇	.286̇	3440	.4013̇	.4586̇	.5160	22 ••
345	0.05750	0.1150	0.17250	0.230	0.28750	0.3450	0.40250	0.460	0.51750	21 7m
346	.0576̇	.1153̇	1730	.2306̇	2883̇	.3460	.4036̇	.4613̇	.5190	20 •
347	.05783̇	.1156̇	.17350	.2313̇	.28916̇	.3470	.40483̇	.4626̇	.52050	19 ••
348	.0580	.1160	.1740	.2320	.290	.3480	.4060	.4640	.5220	18 8m
349	.05816̇	1163̇	.17450	.2326̇	29083̇	3490	.40716̇	.4653̇	.52350	17 •
350	0.0583̇	0.116̇	0.1750	0.23̇	0.2916̇	0.350	0.4083̇	0.46̇	0.5250	16 ••
351	.05850	1170	.17550	.2340	29250	.3510	40950	.4680	.52650	15 9m
352	.0586̇	.1173̇	.1760	.2346̇	.293̇	.3520	.4106̇	.4693̇	.5280	14 •
353	05883̇	.1176̇	.17650	.2353̇	.29416̇	.3530	.41183̇	.4706̇	.52950	13 ••
354	.0590	.1180	.1770	.2360	.2950	.3540	.4130	.4720	.5310	12 10m
355	05916̇	0.1183̇	0.17750	0.236̇	0.29583̇	0.3550	0.41416̇	0.473̇	0.53250	11 •
356	.0593	.1186̇	.1780	.2373̇	.296̇	.3560	.4153̇	.4746̇	.5340	10 ••
357	.05950	.1190	.17850	.2380	.29750	.3570	.41650	.4760	.53550	9 11m
358	.0596̇	.1193̇	.1790	.2386̇	.2983̇	.3580	.4176̇	.4773̇	.5370	8 •
359	.05983̇	.1196̇	.17950	.2393̇	.29916̇	.3590	.41883̇	.4786̇	.53850	7 ••
360	0.060	0.120	0.180	0.240	0.30	0.360	0.420	0.480	0.540	6
361	.06016̇	.1203̇	.18050	.2406̇	.30083̇	.3610	.42116̇	.4813̇	.54150	5
362	0603̇	1206̇	.1810	.2413̇	.3016̇	3620	.4223̇	.4826̇	.5430	4
363	.06050	1210	18150	2420	.30250	.3630	42350	.4840	.54450	3
364	.0606̇	.1213̇	.1820	.2426̇	.303̇	.3640	.4246̇	.4853̇	.5460	2
365	.06083̇	.1216̇	.18250	.243̇	30416̇	.3650	.42583̇	.486̇	.54750	1

10

365
Jan.

TABLE B.

365 Days.	Per Cent	1	2	3	4	5	6	7	8	9
0.9̇863013 6̇	1.00	0.16̇	0.3̇	0.50	0.6̇	0.83̇	1.0	1.16̇	1.3̇	1.50
	.25	0.2083̇	0.416̇	0.6250	0.83̇	1.0416̇	1.250	1.4583̇	1.6̇	1.8750
	.50	0.250	0.50	0.750	1.0	1.250	1.50	1.750	2.0	2.250
	.75	0.2916̇	0.583̇	0.8750	1.16̇	1.4583̇	1.750	2.0416̇	2.3̇	2.6250
1.9̇726027 3̇	2.00	0.3̇	0.6̇	1.0	1.3̇	1.6̇	2.0	2.3̇	2.6̇	3.0
	.25	0.3750	0.750	1.1250	1.50	1.8750	2.250	2.6250	3.0	3.3750
	.50	0.416̇	0.83̇	1.250	1.6̇	2.083̇	2.50	2.916̇	3.3̇	3.750
	.75	0.4583̇	0.916̇	1.3750	1.83̇	2.2916̇	2.750	3.2083̇	3.6̇	4.1250
2.9̇589041 0̇	3.00	0.50	1.0	1.50	2.0	2.50	3.0	3.50	4.0	4.50
	.25	0.5416̇	1.083̇	1.6250	2.16̇	2.7083̇	3.250	3.7916̇	4.3̇	4.8750
	.50	0.583̇	1.16̇	1.750	2.3̇	2.916̇	3.50	4.083̇	4.6̇	5.250
	.75	0.6250	1.250	1.8750	2.50	3.1250	3.750	4.3750	5.0	5.6250
3.9̇452054 7̇	4.00	0.6̇	1.3̇	2.0	2.6̇	3.3̇	4.0	4.6̇	5.3̇	6.0
	.25	0.7083̇	1.416̇	2.1250	2.83̇	3.5416̇	4.250	4.9583̇	5.6̇	6.3750
	.50	0.750	1.50	2.250	3.0	3.750	4.50	5.250	6.0	6.750
	.75	0·7916̇	1.583̇	2.3750	3.16̇	3.9583̇	4.750	5.5416̇	6.3̇	7.1250
4.9̇315068 4̇	5.00	0.83̇	1.6̇	2.50	3.3̇	4.16̇	5.0	5.83̇	6.6̇	7.50
	.25	0.8750	1.750	2.6250	3.50	4.3750	5.250	6.1250	7.0	7.8750
	.50	0.916̇	1.83̇	2.750	3.6̇	4.583̇	5.50	6.416̇	7.3̇	8.250
	.75	0.9583̇	1.916̇	2.8750	3.83̇	4.7916̇	5.750	6.7083̇	7.6̇	8.6250
5.9̇178082 1̇	6.00	1.0	2.0	3.0	4.0	5.0	6.0	7.0	8.0	9.0
	.25	1.0416̇	2.083̇	3.1250	4.16̇	5.2083̇	6.250	7.2916̇	8.3̇	9.3750
	.50	1.083̇	2·16̇	3.250	4.3̇	5.416̇	6.50	7.583̇	8.6̇	9.750
	.75	1.1250	2.250	3.3750	4.50	5.6250	6.750	7.8750	9.0	10.1250
6.9̇041095 8̇	7.00	1.16̇	2.3̇	3.50	4.6̇	5.83̇	7.0	8.16̇	9.3̇	10.50
	.25	1.2083̇	2.416̇	3.6250	4.83̇	6.0416̇	7.250	8.4583̇	9.6̇	10.8750
	.50	1.250	2.50	3.750	5.0	6.250	7.50	8.750	10.0	11.250
	.75	1.2916̇	2.583̇	3.8750	5.16̇	6.4583̇	7.750	9.0416̇	10.3̇	11.6250
7.8̇904109 5̇	8.00	1.3̇	2.6̇	4.0	5.3̇	6.6̇	8.0	9.3̇	10.6̇	12·0
	.25	1.3750	2.750	4.1250	5.50	6.8750	8.250	9.6250	11.0	12.3750
	.50	1.416̇	2.83̇	4.250	5.6̇	7.083̇	8.50	9.916̇	11·3̇	12.750
	.75	1.4583̇	2.916̇	4.3750	5.83̇	7.2916̇	8·750	10.2083̇	11.6̇	13.1250
8.8̇767123 2̇	9.00	1.50	3.0	4.50	6.0	7.50	9.0	10.50	12.0	13.50
	.25	1.5416̇	3.083̇	4.6250	6.16̇	7.7083̇	9.250	10.7916̇	12.3̇	13.8750
	.50	1.583̇	3.16̇	4.750	6.3̇	7.916̇	9.50	11.083̇	12.6̇	14.250
	.75	1.6250	3.250	4.8750	6.50	8.1250	9.750	11.3750	13.0	14.6250

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